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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

FOULADI et al.

Atty. Ref.: 723-963

Serial No. 09/722,663

Group: 2673

Filed: November 28, 2000

Examiner:

RECEIVED

For: GRAPHICS SYSTEM WITH COPY OUT CONVERSIONS  
BETWEEN EMBEDDED FRAME BUFFER AND MAIN  
MEMORY

JUN 02 2003

Technology Center 2600

05/30/2003 EFLORES 00000009 141140 09722663 \* \* \* \* \*

01 FC:1806 180.00 CH

May 29, 2003

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Under 37 C.F.R. §§ 1.56 and 1.97, the applicant directs the attention of the Patent and Trademark Office to the items listed on the attached forms PTO-1449. These items were cited in copending commonly-assigned related patent applications as indicated in the appendix and not yet of record in this case.<sup>1</sup> The Examiner is requested to cite and consider these items in this case.

Applicant is attaching copies of all items other than U.S. patents. The U.S. patents are readily available to the Examiner; applicant will submit a copy upon request.

Should the examiner need anything further to consider these items, please contact the undersigned at the telephone number listed below.

In the event a first Office Action has already been mailed, please treat this paper as a submission under 37 C.F.R. § 1.97(c) and charge Deposit Account No. 14-1140 for the fee required by 37 C.F.R. § 1.17(p). The U.S. Patent and Trademark Office is authorized to charge any fee which was asserted to have been filed or which should have been filed and to credit any overpayment, to that same Deposit Account No. 14-1140.

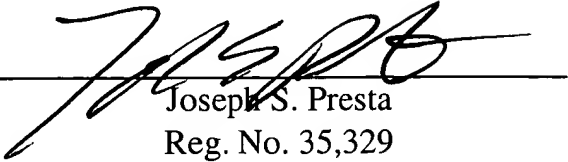
<sup>1</sup> The identification of the co-pending U.S. Patent Applications in the appendix is not to be construed as a waiver of secrecy as to those applications now or upon issuance of this application as a patent.

**FOULADI et al.**  
**Serial No. 09/722,663**

Respectfully submitted,

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APPENDIX

The items cited on the attached form PTO-1449 is of record in the co-pending related commonly-assigned patent applications as indicated below:

I. Application No. 09/465,754 filed December 17, 1999 (atty. dkt. no. 723-799)  
entitled "Vertex Cache For 3D Computer Graphics":

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4,695,943	Keeley et al.
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4,829,452	Kang et al.
4,833,601	Barlow et al.
4,965,751	Thayer et al.
4,975,977	Kurosu et al.
5,056,044	Frederickson et al.
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5,163,126	Einkauf et al.
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5,353,424	Partovi et al.
5,448,689	Matsuo et al.
5,657,045	Katsura et al.
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5,726,947	Yamazaki et al.
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5,745,125	Deering et al.
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Thompson, Nigel, "Rendering with Immediate Mode," Microsoft Interactive Developer Column: Fun and Games, printed from web site [msdn.microsoft.com](http://msdn.microsoft.com), 8 pages (March 97)

"HOWTO: Animate Textures in Direct3D Immediate Mode," printed from web site [support.microsoft.com](http://support.microsoft.com), 3 pages (last reviewed 12/15/2000)

INFO: Rendering a Triangle Using an Execute Buffer," printed from web site [support.microsoft.com](http://support.microsoft.com), 6 pages (last reviewed 10/20/2000)

U.S. application Serial No. 09/337,293, filed 6/21/1999, "Multi-Format Vertex Data Processing Apparatus and Method

Datasheet, SGS-Thomson Microelectronics, nVIDIA™, RIVA 128™ 128-Bit 3D Multimedia Accelerator (10/1997)

Product Presentation, "RIVA128™ Leadership 3D Acceleration," 2 pages

Hoppe, Hugues, "Optimization of Mesh Locality for Transparent Vertex Caching," PROCEEDINGS OF SIGGRAPH, pages 269-276 (August 8-13, 1999)

II. Application No. 09/726,223 filed November 28, 2000 (atty. dkt. no. 723-751)  
entitled "Z Value Clamping In Near-Z Range To Maximize Precision Of Visually  
Important Z Components And To Avoid Near-Z Clipping In A Graphics  
Rendering System":

4,888,712 BARKANS et al.  
4,907,174 PRIEM  
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III. Application No. 09/722,419 filed November 28, 2000 (atty. dkt. no. 723-958)  
entitled "Graphics Pipeline Token Synchronization":

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5,345,541 Kelley et al  
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5,872,902 Kuchkuda et al.  
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6,252,610 Hussain  
6,476,808 Kuo et al.

IV. Application No. 09/722,382 filed November 28, 2000 (atty. dkt. no. 723-961)  
entitled "Method And Apparatus For Direct and Indirect Texture Processing In A  
Graphics System":

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6,057,861	LEE et al.
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V. Application No. 09/722,367 filed November 28, 2000 (atty. dkt. no. 723-968)  
entitled "Recirculating Shade Tree Blender For A Graphics System":

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5,949,428	Toelle et al.
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6,236,413	Gossett et al.
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web site (2000)

VI. Application No. 09/726,218 filed November 28, 2000 (atty. dkt. no. 723-960)  
entitled "Method And Apparatus For Efficient Generation Of Texture Coordinate  
Displacements For Implementing Emboss-Style Bump Mapping In A Graphics  
Rendering System":

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5,880,736	PEERCY et al.
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VII. Application No. 09/722,381 filed November 28, 2000 (atty. dkt. no. 723-962) entitled "Method And Apparatus For Environment-Mapped Bump-Mapping In A Graphics System":

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6,049,337 VAN OVERVELD  
6,052,127 VASWANI et al.  
6,078,333 WITTIG et al.  
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VIII. Application No. 09/726,216 filed November 28, 2000 (atty. dkt. no. 723-967) entitled "Achromatic Lighting in a Graphics System and Method":

4,275,413 Sakamoto et al.  
5,016,183 Shyong  
5,097,427 Lathrop et al.  
5,361,386 Watkins et al.



5,467,438	Nishio et al.
5,473,736	Young
5,495,563	Winser, Paul A.
5,504,499	Horie et al.
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5,566,285	Okada
5,649,082	Burns
5,687,304	Kiss, Kenneth W.
5,740,343	Tarolli et al.
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5,956,042	Tucker et al.
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IX. Application No. 09/726,226 filed November 28, 2000 (att. dkt. no. 723-964) entitled "Method And Apparatus For Anti-Aliasing In A Graphics System":

4,897,806	COOK et al.
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X. Application No. 09/722,380 filed November 28, 2000 (atty. dkt. no. 723-957) entitled "Graphics System With Embedded Frame Buffer Having Re-configurable Pixel Formats":

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4,918,625 Yan  
5,416,606 Katayama et al.  
5,606,650 Kelley et al.  
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XII. Application No. 09/726,212 filed November 28, 2000 (atty. dkt. no. 723-956)  
entitled "Method And Apparatus For Dynamically Reconfiguring The Order Of  
Hidden Surface Processing Based On Rendering Mode":

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XIII. Application No. 09/726,212 filed November 28, 2000 (atty. dkt. no. 723-973) entitled "Method And Apparatus For Providing Non-Photorealistic Cartoon Outlining Within A Graphics System":

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